

Title (en)
AUGMENTED-REALITY SURGICAL SYSTEM USING DEPTH SENSING

Title (de)
CHIRURGISCHES SYSTEM MIT ERWEITERTER REALITÄT MIT TIEFENMESSUNG

Title (fr)
SYSTÈME CHIRURGICAL À RÉALITÉ AUGMENTÉE UTILISANT UNE DÉTECTION DE PROFONDEUR

Publication
EP 4387552 A1 20240626 (EN)

Application
EP 22857993 A 20220818

Priority
• US 202163234272 P 20210818
• US 202163236241 P 20210824
• US 202163236244 P 20210824
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• IB 2022057733 W 20220818

Abstract (en)
[origin: WO2023021450A1] Disclosed herein are implementations for a digital stereoscopic display and digital loupes utilizing the digital stereoscopic display. The stereoscopic display may include display of magnified images.

IPC 8 full level
A61B 34/10 (2016.01); **A61B 34/20** (2016.01); **G02B 27/01** (2006.01); **G06F 3/01** (2006.01); **G06F 3/04845** (2022.01); **G06T 19/00** (2011.01); **H04N 13/111** (2018.01); **H04N 13/279** (2018.01)

CPC (source: EP US)
A61B 34/20 (2016.02 - US); **A61B 90/36** (2016.02 - EP); **A61B 90/37** (2016.02 - US); **G02B 27/0172** (2013.01 - EP US); **G06F 3/011** (2013.01 - EP); **G06F 3/013** (2013.01 - EP); **G06T 7/0016** (2013.01 - US); **G06T 7/30** (2017.01 - US); **G06T 7/521** (2017.01 - US); **G06T 7/55** (2017.01 - US); **G06T 7/593** (2017.01 - US); **G06T 7/62** (2017.01 - US); **G06T 7/73** (2017.01 - US); **G06T 19/006** (2013.01 - US); **H04N 13/128** (2018.05 - US); **H04N 13/156** (2018.05 - EP US); **H04N 13/167** (2018.05 - US); **H04N 13/239** (2018.05 - EP US); **H04N 13/344** (2018.05 - EP US); **H04N 13/383** (2018.05 - US); **H04N 23/11** (2023.01 - US); **A61B 2017/00216** (2013.01 - EP); **A61B 2034/105** (2016.02 - EP); **A61B 2034/107** (2016.02 - US); **A61B 2034/2055** (2016.02 - EP); **A61B 2090/365** (2016.02 - EP US); **A61B 2090/367** (2016.02 - US); **A61B 2090/371** (2016.02 - EP US); **A61B 2090/372** (2016.02 - EP); **A61B 2090/373** (2016.02 - US); **A61B 2090/502** (2016.02 - EP); **G02B 2207/0134** (2013.01 - US); **G02B 2207/0138** (2013.01 - EP US); **G02B 2207/014** (2013.01 - US); **G02B 2207/0141** (2013.01 - US); **G02B 2207/0178** (2013.01 - US); **G06T 2200/04** (2013.01 - US); **G06T 2207/10012** (2013.01 - US); **G06T 2207/10028** (2013.01 - US); **G06T 2207/10081** (2013.01 - US); **G06T 2207/20084** (2013.01 - US); **G06T 2207/30008** (2013.01 - US); **G06T 2207/30012** (2013.01 - US); **G06T 2207/30204** (2013.01 - US); **G06T 2210/12** (2013.01 - US); **G06T 2210/41** (2013.01 - US); **H04N 13/246** (2018.05 - EP); **H04N 13/257** (2018.05 - EP); **H04N 13/271** (2018.05 - EP); **H04N 13/279** (2018.05 - EP); **H04N 2013/0081** (2013.01 - EP)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023021450 A1 20230223; EP 4387552 A1 20240626; EP 4388734 A1 20240626; US 2023410445 A1 20231221; US 2024377640 A1 20241114; US 2024382283 A1 20241121; WO 2023021448 A1 20230223; WO 2023021451 A1 20230223

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